

**[44] Abstract f the Disclosure**

[45] The Method of this invention separates input power systems, typically a public power grid, from output electrical power, typically for use by electrically sensitive equipment, by converting the input energy into mechanical energy, transferring that mechanical energy, by way of a dielectric transfer medium, through a dielectric conduit structure, to a protected system at some desired distance which converts the mechanical energy back into useable and protected electrical power.